

CLAIMS

What is claimed is:

- 1 1. A tool tray assembly comprising:
2 a platform for holding things; and
3 a support system for supporting the platform on a variety of work surfaces, the
4 support system comprising a plurality of legs attached to the platform and protruding
5 downwardly therefrom, said legs each having a bottom surface and a tapered inner side
6 surface, said bottom surfaces of the legs being arranged for supporting the platform on a
7 horizontal surface and said tapered inner side surfaces being arranged for supporting the
8 platform on a vehicle tire.

- 1 2. The tool tray assembly according to claim 1, wherein said platform comprises
2 a generally flat surface surrounded by a plurality of upstanding walls.

- 1 3. The tool tray assembly according to claim 1, wherein said plurality of legs
2 comprises a first pair of legs which are adjustably mounted to the platform, said first pair
3 of legs being slidably adjustable relative to each other such that a spacing between the
4 inner side surfaces of said first pair of legs can be adjusted to fit different sizes of vehicle
5 tires.

- 1 4. The tool tray assembly according to claim 3, wherein said plurality of legs
2 further comprises a second pair of legs which are adjustably mounted to the platform at a

3 location spaced from said first pair of legs, said second pair of legs being slidably
4 adjustable relative to each other such that a spacing between the inner side surfaces of
5 said second pair of legs can be adjusted to fit different sizes of vehicle tires.

1 5. The tool tray assembly according to claim 1, further comprising a first
2 detachable socket tray attached to the platform for holding a first socket set.

1 6. The tool tray assembly according to claim 5, wherein said platform comprises
2 a generally flat surface surrounded by a plurality of upstanding walls, and wherein said
3 first detachable socket tray is attached to one of the upstanding walls by a structure that
4 hooks over an upper edge of the wall and hangs therefrom.

1 7. The tool tray assembly according to claim 5, wherein said first detachable
2 socket tray has a space for holding sockets defined by a generally flat bottom surface
3 surrounded by a plurality of upstanding sides, said space having a width that gradually
4 increases from a narrow end to a wide end, whereby the narrow end corresponds in size
5 to a smallest socket of the first socket set and the wide end corresponds in size to a
6 largest socket of the first socket set.

1 8. The tool tray assembly according to claim 5, further comprising a second
2 detachable socket tray attached to the platform for holding a second socket set.

1 9. The tool tray assembly according to claim 8, wherein said second detachable
2 socket tray has generally the same structure as said first detachable socket tray except
3 that a space for holding sockets defined by said second socket tray is larger than a space
4 for holding sockets defined by said first socket tray, whereby said second socket tray can
5 be used to hold a second socket set which is larger than said first socket set.

1 10. The tool tray assembly according to claim 9, further comprising a detachable
2 parts tray attached to the platform for holding bolts and/or other parts of a machine being
3 worked on.

1 11. The tool tray assembly according to claim 10, wherein said platform
2 comprises a generally flat surface surrounded by a plurality of upstanding walls, and
3 wherein said first and second detachable socket trays and said detachable parts tray are
4 attached to the platform by respective structures that hook over respective upper edges of
5 the upstanding walls of the platform and hang therefrom.

1 12. The tool tray assembly according to claim 1, further comprising handles
2 formed at respective opposite ends of the platform to facilitate lifting and carrying the
3 tool tray assembly.

1 13. The tool tray assembly according to claim 1, wherein said platform has a
2 generally rectangular configuration and said plurality of legs comprises four legs

3 protruding downwardly from the platform near the four corners of the rectangular
4 configuration, each of said legs having a first flat portion for engaging a bottom surface
5 of the platform, a second stabilizing portion extending upwardly from said first flat
6 portion for engaging an end surface of the platform, a slotted opening formed in said first
7 flat portion for slidably receiving a threaded fastener for attaching the leg to the platform,
8 a third downwardly projecting portion extending downwardly from said first flat portion
9 to the bottom surface of the leg, and a fourth inwardly projecting portion extending
10 inwardly from the third downwardly projecting portion to form the tapered inner side
11 surface, wherein the tapered inner side surfaces are arranged to engage opposite sides of
12 a vehicle tire when the tray assembly is placed on the tire.

1 14. The tool tray assembly according to claim 1, wherein the platform and the
2 plurality of legs are formed of sheet metal.

1 15. A tool tray assembly comprising:

2 a generally rectangular platform having a generally flat surface surrounded by a
3 plurality of upstanding walls; and

4 a support system for supporting the platform on a variety of work surfaces, the
5 support system comprising first and second pairs of legs attached to the platform and
6 protruding downwardly therefrom, each of said legs having a bottom surface and a
7 tapered inner side surface, said bottom surfaces of the legs being arranged for supporting
8 the platform on a horizontal surface and said tapered inner side surfaces being arranged

9 for engaging opposite sides of a vehicle tire for supporting the platform on the vehicle
10 tire;

11 said first pair of legs being slidably adjustable relative to each other such that a
12 spacing between the inner side surfaces of said first pair of legs can be adjusted to fit
13 different sizes of vehicle tires; and

14 said second pair of legs being slidably adjustable relative to each other such that a
15 spacing between the inner side surfaces of said second pair of legs can be adjusted to fit
16 different sizes of vehicle tires.

1 16. The tool tray assembly according to claim 15, further comprising a first
2 detachable socket tray for holding a first socket set, said first detachable socket tray
3 having a space for holding sockets defined by a generally flat bottom surface surrounded
4 by a plurality of upstanding sides, said space having a width that gradually increases
5 from a narrow end to a wide end, whereby the narrow end corresponds in size to a
6 smallest socket of the first socket set and the wide end corresponds in size to a largest
7 socket of the first socket set, said first detachable socket tray being attached to the
8 platform by a structure that hooks over an upper edge of one of the upstanding walls of
9 the platform and hangs therefrom.

1 17. The tool tray assembly according to claim 16, further comprising a second
2 detachable socket tray attached to the platform for holding a second socket set, wherein
3 said second detachable socket tray has generally the same structure as said first

4 detachable socket tray except that a space for holding sockets defined by said second
5 socket tray is larger than a space for holding sockets defined by said first socket tray,
6 whereby said second socket tray can be used to hold a second socket set which is larger
7 than said first socket set.

1 18. The tool tray assembly according to claim 17, further comprising a
2 detachable parts tray attached to the platform for holding bolts and/or other parts of a
3 machine being worked on, said detachable parts tray having a space for holding bolts and
4 other parts defined by a generally flat bottom surface surrounded by a plurality of
5 upstanding sides, said detachable parts tray being attached to the platform by a structure
6 that hooks over an upper edge of one of the upstanding walls of the platform and hangs
7 therefrom.

1 19. The tool tray assembly according to claim 18, further comprising handles
2 formed at respective opposite ends of the platform to facilitate lifting and carrying the
3 tool tray assembly.

1 20. The tool tray assembly according to claim 19, wherein the platform and the
2 plurality of legs are formed of sheet metal.